

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other _____				7. UNIT AGREEMENT NAME							
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				8. FARM OR LEASE NAME Bengal A							
2. NAME OF OPERATOR Jerome P. McHugh				9. WELL NO. 4R							
3. ADDRESS OF OPERATOR P O Box 208, Farmington, NM 87401				10. FIELD AND POOL, OR WILDCAT WAW-Fruitland-PC							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 890' FNL - 1850' FWL At top prod. interval reported below At total depth				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 1 T26N R12W							
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH San Juan		13. STATE NM			
15. DATE SPUDDED 9-22-80		16. DATE T.D. REACHED 10-13-80		17. DATE COMPL. (Ready to prod.) 10-16-80		18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* 5987' GL		19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 1296'		21. PLUG, BACK T.D., MD & TVD 1296'		22. IF MULTIPLE COMPL., HOW MANY* single - gas		23. INTERVALS DRILLED BY →		ROTARY TOOLS 0-TD			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* open hole completion 125' to 1296'								25. WAS DIRECTIONAL SURVEY MADE Yes			
26. TYPE ELECTRIC AND OTHER LOGS RUN								27. WAS WELL CORED No			
28. CASING RECORD (Report all strings set in well)											
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
7"		26#		85' GL		8-3/4"		35 sx class neat		---	
4 1/2"		10.5# 32jt)		1251'		6-1/8"				---	
5 1/2"		14# 1jt)				"		767 cu.ft. slurry		---	
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	
										DEPTH SET (MD)	
										PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED					
See Sundry of 10-30-80 for details											
33.* PRODUCTION											
DATE FIRST PRODUCTION ---		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing				WELL STATUS (Producing or shut-in) SI					
DATE OF TEST 10-23-80		HOURS TESTED 3		CHOKE SIZE 1/2 pos		PROD'N. FOR TEST PERIOD →		OIL—BBL. 69 CAOF		GAS—MCF. 107 1/2 1980	
FLOW. TUBING PRESS. 222 SI		CASING PRESSURE 222 SI		CALCULATED 24-HOUR RATE →		OIL—BBL.		GAS—MCF.		WATER—BBL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY FARMINGTON, N.M. 87401					
35. LIST OF ATTACHMENTS						BY <u>2</u>					
38. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED <u>Thomas A. Dugan</u>		TITLE <u>Agent</u>				DATE <u>10-30-80</u>					

*(See Instructions and Spaces for Additional Data on Reverse Side)

MOCC

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS		
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH, INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
FORMATION	DESCRIPTION, CONTENTS, ETC.					
				Ojo Alamo	237'	
				Kirtland	406'	
				Fruitland	1242'	
				Pictured Cliffs	1365'	